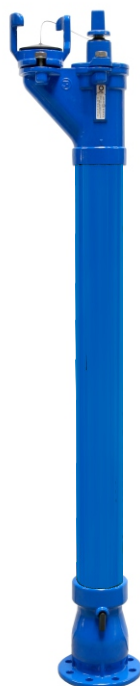


**Underground hydrant  
double closing**

**PN16**

**FIRE  
PREVENTION**



- Removable bayonet socket
- Welded sealing seat

**VERSION**

**8852.1 DN80**

## Product description (standard execution):

- Welded bronze socket constituting a monolithic body with the bottom body, resistant to scratches and surface damage
- Complete drainage after cut - off the flow
- Internal components can be replaced without the need to dig a hydrant
- Pollution deflector.
- Stainless steel stem with rolled thread
- O-ring stem sealing, packing cork protected against medium
- Forged packing cork protected against unscrewing
- EPDM fully vulcanized valve plug
- Hydrant column made of ductile iron pipes (zinc coated)
- Initial opening < 3 turns; full opening after 8 turns
- Kv factor > 60m³/h
- Dehydration time < 15 min.
- Water-traces < 100 ml
- MOT 105 Nm, MST 210 Nm
- Corrosion resistant internal and external parts
- Epoxy coating minimum 250 microns RAL5005\* according to EN 14901
- Resistant against disinfectants (suggested solution NaOCl)
- Flange connection and connector according to EN 1092-2 (DIN 2501) pressure PN10; PN16
- Bayonet socket according to DIN 3221 "C"
- Control key acc. DIN 3223
- Working pressure PN16
- Product according to EN 1074-1; EN 1074-6; EN 14339
- Product marking according to EN 19; EN 1074

## Application:

Potable water lines; fire prevention systems temperature range to +50°C

## Test control:

Water pressure test according to EN 1074-1; EN 1074-2; EN 12266-1  
Seat: 1,1 x PN  
Body: 1,5 x PN  
Operation torque test

## Accessories:

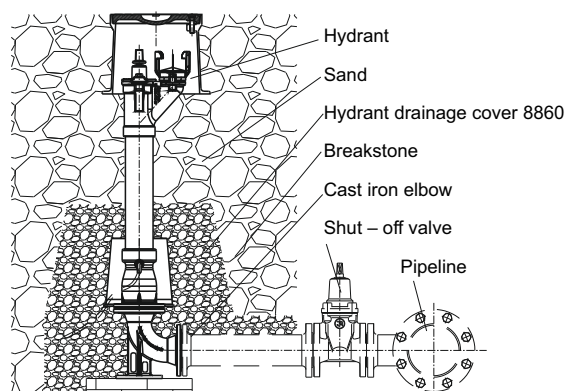
Street box for hydrant - see: 9502-PEHD-GJL  
Hydrant drainage cover - see: 8860

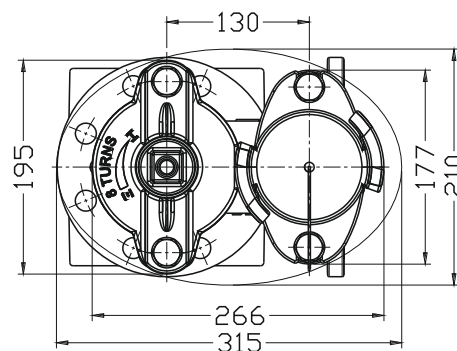
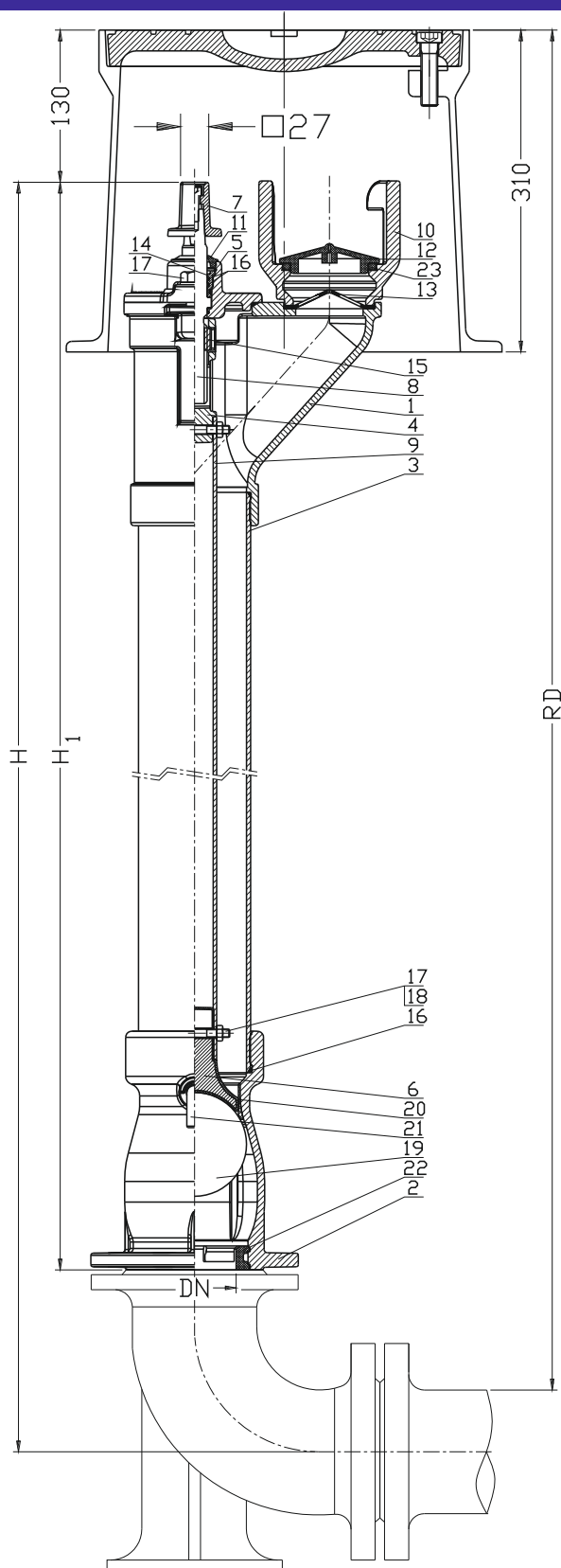
## Execution variant:

Stainless steel stand pipe 1.4301

## Installation:

In vertical position on horizontal pipelines





DN	RD	H	H <sub>1</sub>	Weight
[mm]				[kg]
80	750	665	500	26
80	1000	915	750	36
80	1250	1165	1000	46
80	1500	1415	1250	54
80	1800	1715	1500	64

No.	Part	Standard execution
1	Head	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560, EN 1503-3
2	Bottom body	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560, EN 1503-3
3	Stand pipe	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) Steel 1.0037(*), 1.4301(*), 1.4401(*), 1.4404(*), 1.4571(*) EN 1560, EN 10027-2, EN 1503-1, EN 1503-3
4	Nut seat	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560
5	Bonnet	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560
6	Valve plug	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) Aluminium AlSi(*) / Rubber EPDM EN 1560; EN 1706 / EN-ISO 1629
7	Cap	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560
8	Stem	Stainless steel 1.4021 EN 10027-2
9	Spindle	Stainless steel 1.4301, 1.4401(*), 1.4404(*), 1.4571(*) EN 10027-2
10	Bayonet socket	Ductile cast iron EN-GJS 400-15; EN-GJS 500-7(*) EN 1560
11	Gasket	Rubber EPDM EN-ISO 1629
12	Outlet gasket	Rubber EPDM EN-ISO 1629
13	Deflektor	Rubber EPDM EN-ISO 1629
14	Gland seal	Brass CW617N, Bronze CW306G(*) EN 1412
15	Stem nut	Brass CW617N, Bronze CW306G(*) EN 1412
16	O-ring gasket	Rubber EPDM EN-ISO 1629
17	Screw	Steel Fe/Zn5, Stainless steel A2(*) EN ISO 4017, EN ISO 4762
18	Nut	Steel Fe/Zn5, Stainless steel A4(*) EN ISO 4032
19	Ball	Aluminium AlSi / Polyamide PA6(*) Rubber EPDM; EN 1706 / EN ISO 16396-2, /EN ISO 1629
20	Gniazdo	Bronze CuAl7 EN ISO 24373
21	Dehydrator	POM-K EN ISO 19069-1
22	Blockade	POM-K EN ISO 19069-1
23	Socket ring	Brass CW617N, Bronze CW306G(*) EN 1412
(*) - other material variant on special request		